Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 15 Feb 2022 until 23:59 on Wednesday 16 Feb 2022

Forecast Issued on Monday 14 Feb 2022 at 16:20

Confidence: High for the changeable and at times stormy conditions. Medium for cloud details.

Headline for Tuesday 15 Feb 2022: Rain around dawn. Then cold and windy with scattered wintry showers.

Mountain weather hazards on Tuesday 15 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Heavy Rain	Heavy Rain	Sunny intervals	Cloudy	Cloudy	Light rain
Precipitation probability							
10%	20%	70%	40%	30%	30%	20%	70%

Forecast for Tuesday 15 Feb 2022

Weather: Dry a first overnight, but rain and some summit snow pushing in from the west. Cloudy with rain around dawn but becoming brighter with a few wintry showers during the morning, the showers becoming well scattered later in the afternoon. Snow mainly over the highest tops. Windy with occasional gales and a severe wind chill at height. Further rain pushing in later in the evening.

Chance of cloud-free hill tops above 600m: 70% falling 30% or less around dawn, rising to 70% again in the afternoon, before lowering 30% or less late in the evening.

Low cloud and visibility: Moderate or poor in rain and occasionally very poor at times at height. However, mainly very good lower down. Extensive cloud 600m or less around dawn and later in the evening, otherwise extensive or occasional cloud mainly above the tops.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 15 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	22/30 SW	33/43 SW	30/39 W	29/38 W	28/38 W	20/28 W	19/27 SW	20/28 S
300	13/21 W	15/24 SW	26/36 S	20/30 SW	23/32 W	21/30 W	13/20 SW	13/21 SW	15/24 S
Valley	8/21 W	8/22 SW	14/33 S	14/30 W	17/32 W	15/30 W	9/20 W	8/19 SW	8/21 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	0/-6	2/-6	3/-4	2/-5	2/-6	1/-5	2/-4	3/-3
300	4/-1	2/-3	4/-2	6/0	5/-1	5/-1	4/-0	4/-0	5/0
Valley	4/1	2/-1	4/-1	6/2	6/1	5/1	5/2	4/2	5/2
Freezing Level*	700m	500m	1200m	1000m	700m	600m	800m	900m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the changing freezing levels during the period.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 14 Feb 2022	22.8mm	34.6mm	36.8mm

Forecast for Wednesday 16 Feb 2022

Weather: Cloudy and overcast with outbreaks of rain and drizzle, heavy and persistent at times during daylight hours. Clearing to wintry showers in the evening, temporary blizzard conditions over the tops.

Maximum wind: Increasing Southwest 40 gusting 60mph during the day. Turning stormy in the evening, Westerly 60mph, gusting 80mph or more.

Chance of cloud-free hill tops above 600m: 20% during daylight hours. Becoming 70% in the evening with the cloud lifting and breaking.

Low cloud and visibility: Moderate or poor in rain and very poor at height. Extensive cloud, base 600m or less during daylight hours, lifting and breaking in the evening.

Temperature: **Valleys:** Plus 5 rising to 12 Celsius
At 600m: Around Zero Celsius early and late in the day, but rising to 8 Celsius for a time
Freezing level: Mainly above the summits, but around the highest tops early and later in the day.

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